

[4910-13-U]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. FAA-2006-23706; Directorate Identifier 2006-NE-03-AD]

RIN 2120-AA64

Airworthiness Directives; Honeywell International Inc. TPE331 Series Turboprop Engines.

AGENCY: Federal Aviation Administration (FAA), Department of Transportation (DOT).

ACTION: Notice of proposed rulemaking (NPRM).

SUMMARY: The FAA proposes to adopt a new airworthiness directive (AD) for Honeywell International Inc. TPE331 series turboprop engines with certain part numbers of Woodward fuel control assemblies installed. This proposed AD would require initial and repetitive dimensional inspections of the splines between the fuel pump and fuel control, for wear or damage. This proposed AD would also require replacing those fuel control assemblies with serviceable modified fuel control assemblies with improved overspeed protection. This proposed AD results from reports of loss of the drive between the fuel pump and fuel control, leading to engine overspeed, overtorque, overtemperature, uncontained rotor failure, and asymmetric thrust in multi-engine airplanes. We are proposing this AD to prevent rapid, uncommanded, uncontrolled increase in fuel flow to the engine, asymmetric thrust, uncontained rotor failure, and damage to the airplane.

CONCURRENCES
ROUTING SYMBOL ANE-103
INITIALS/SIG AR
DATE 3/2/06
ROUTING SYMBOL ANM-140L
INITIALS/SIG JC/AR
DATE 3/1/06
ROUTING SYMBOL ANM-140L
INITIALS/SIG TE/AR
DATE 3/1/06
ROUTING SYMBOL ANE-7
INITIALS/SIG VB/AR
DATE 3/2/06
ROUTING SYMBOL ANE-111
INITIALS/SIG MB/AR
DATE 3/2/06
ROUTING SYMBOL AEG
INITIALS/SIG RL/AR
DATE 3/2/06
ROUTING SYMBOL ANE-100
INITIALS/SIG BAA
DATE 3/2/06